



PATENT APPLICATION

RECEIVED

JAN - 7 2003

TECHNOLOGY CENTER 2800

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Eiji NATORI

Group Art Unit: 2822

Application No.: 09/819,687

Examiner: V. Russell

Filed: March 29, 2001

Docket No.: 109121

For: METHOD AND DEVICE FOR MANUFACTURING CERAMICS,  
SEMICONDUCTOR DEVICE, AND PIEZOELECTRIC DEVICE

1416 And  
1-14-03  
A. Welch

AMENDMENT UNDER 37 C.F.R. §1.111

Director of the U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

In reply to the July 3, 2002 Office Action, please amend the above-identified  
application as follows:

IN THE CLAIMS:

Please cancel claims 1-10, 50 and 51 without prejudice to or disclaimer of the subject  
matter contained therein.

Please add new claims 52-56 as follow:

--52. A method of fabricating ceramics, comprising:

forming a film forming region having affinity to ceramics to be formed and a  
non-film forming region having no affinity to ceramics to be formed on a surface of a  
substrate;

forming a ceramic film in the film-forming region in a self aligning way by  
feeding fine particles of a substance which is at least part of raw materials for a ceramic film



OLIFF & BERRIDGE, PLC  
P.O. Box 19928  
Alexandria, Virginia 22320  
Telephone: (703) 836-6400  
Facsimile: (703) 836-2787

**PATENT APPLICATION**

Attorney Docket No.: 109121

**AMENDMENT TRANSMITTAL**

In re the Application of

Eiji NATORI

Group Art Unit: 2822

Application No.: 09/819,687

Examiner: V. Russell

Filed: March 29, 2001

For: METHOD AND DEVICE FOR MANUFACTURING CERAMICS,  
SEMICONDUCTOR DEVICE, AND PIEZOELECTRIC DEVICE

Director of the U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

Transmitted herewith is an Amendment in the above-identified application.

- ☐ Entitlement to small entity status is hereby asserted.  
☐ Small entity status of this application has been established.

The filing fee has been calculated as shown below:

(Column 1)	(Column 2)	(Column 3)	SMALL ENTITY		OR	OTHER THAN A SMALL ENTITY	
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	RATE	ADD'L FEE		RATE	ADD'L FEE
TOTAL CLAIMS	*44 MINUS	**51	x 9	\$		x 18	\$
INDEP CLAIMS	*9 MINUS	***8	x 42	\$		x 84	\$ 84
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM			+ 140	\$	OR	+280	\$
				\$			\$ 84

\* If the entry in Column 1 is less than the entry in Column 2, write "0" in Column 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The "Highest Number Previously Paid For" in this space (Total or Independent) is the highest number found from the equivalent box in Column 1 of a prior Amendment or the number of claims originally filed.

- ☒ Check No. 137859 in the amount of \$84.00 is attached. The Director is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

DEPOSIT ACCOUNT USE  
AUTHORIZATION  
Please grant any extension  
necessary for entry;  
Charge any fee due to our  
Deposit Account No. 15-0461

Respectfully submitted,

  
James A. Oliff

Registration No. 27,075

Stephen Tu  
Registration No. 52,304

JAO:ST/tea

Date: January 3, 2003